

Converting Colors

Hex(737B7A)

Have a look what the booklet for
Hex(737B7A) contains.

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Color

Hex(737B7A)

Conversions

Conversions Part 1

Format	Color
Hex	737B7A
RGB	115, 123, 122
RGB Percent	45%, 48%, 48%
CMY	0.5490, 0.5176, 0.5216
CMYK	0.07, 0.00, 0.01, 0.52
HSL	173°, 3%, 47%
HSV	173°, 7%, 48%
XYZ	17.6660, 19.2159, 21.1903
YIQ	120.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

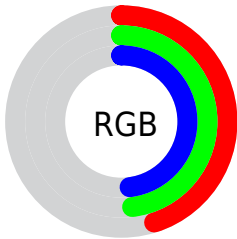
Format	Color
RYB	115, 119, 123
Decimal	7568250
CIELab	50.94, -3.18, -0.49
CIElCh	51, 3.222, 188.742
Yxy	19.2159, 0.3042, 0.3309
Android (android.graphics.Color)	4285758330 (0xFF737B7A)
YUV	120.4940, 0.7425, -4.8182
Hunter-Lab	43.8359, -4.7768, 2.0244

Details

The Hex color **737B7A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B7374**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A7AFAE**, and **434A49** is the 20% darker color. If you saturate the color by 10%, you get **677B78**, and if you desaturate by 10%, it is **7F7B7C**.

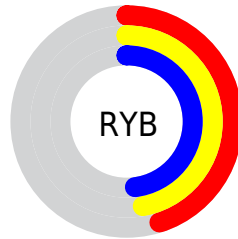
Distribution



Red (45%)

Green (48%)

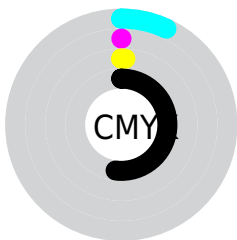
Blue (48%)



Red (45%)

Yellow (47%)

Blue (48%)

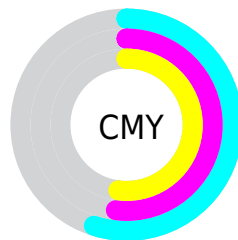


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (52%)



Cyan (55%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737B7A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 737B7A by changing the saturation by 10% instead.

■ 737B7A

■ 737B7A

FFFFFF

■ 5A6261

■ A7AFAE

■ 434A49

■ C2CBCA

■ 2D3433

■ DEE7E6

■ 181F1E

■ FBFFFF

■ 000604

■ 000000

■ 737B7A

■ 737B7A

■ 677B78

■ 7F7B7C

■ 5A7B77

■ 8C7B7D

■ 4E7B75

■ 987B7F

■ 427B74

■ A47B80

■ 367B72

■ B17B82

■ 297B71

■ BD7B83

■ 1D7B6F

■ C97B85

■ 117B6E

■ D57B86

■ 047B6C

■ E27B88

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



757B77



737B7A



737B7D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



737B7A



7B787E



7E7874

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



737B7A



7B7374

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7F7876



737B7A



7E787B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



737B7A



78797F



7F7779



7B7974

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



737B7A



747A7E



7F7779



7E7875

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



737B7A



9DA1A0



747B73



505251



D1D1D1



525252

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



737B7A



94A19F



73787B



373D3C



007D6D



00FCDD

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7B7374



A19495



7B7673



3D3738



7D0010



FC0020

Previews

White Background



This preview shows how the Hex color 737B7A looks on a white background.

Color Contrast Check

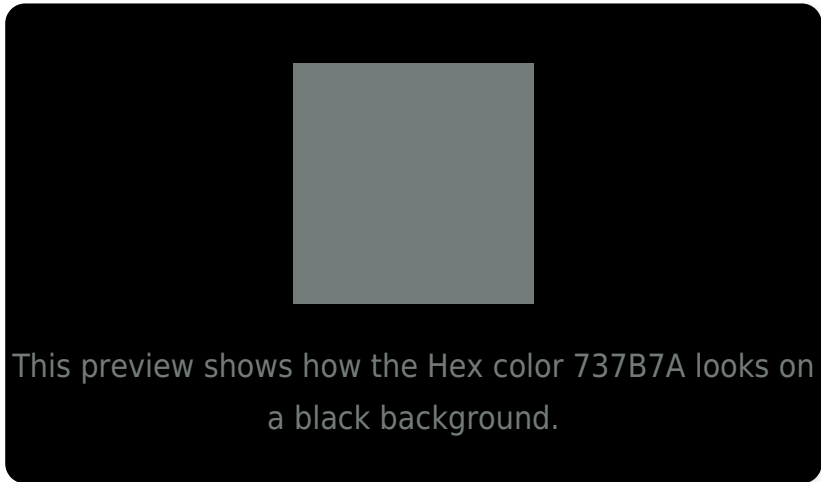
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

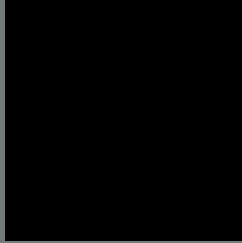
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

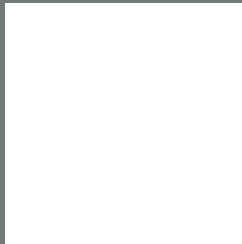
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 737B7A Background



This preview shows how black text looks on a background with the Hex color 737B7A.



This preview shows how white text looks on a background with the Hex color 737B7A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


737B7A

Protanopia

7B7979

Deuteranopia

84757B



Tritanopia
757A83

Trichromacy



Original Color

737B7A

Protanomaly

787A79

Deuteranomaly

7E777B

Tritanomaly

747A80

Monochromacy



Original Color

737B7A

Achromatopsia

787878

Achromatomaly

767979

CSS Examples

Text

The CSS property to change the color of the text to Hex 737B7A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #737B7A looks like.

```
.text, #text, p{  
    color:#737B7A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #737B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737B7A
}
```

Border

The CSS property to change the border of an element to Hex 737B7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#737B7A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#737B7A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #737B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737B7A; -webkit-box-shadow:4px 4px  
4px 4px #737B7A; box-shadow:4px 4px 4px  
4px #737B7A }
```

Background

The CSS property to change the background color of an element to Hex 737B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737B7A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#737B7A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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